

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM MAY 17 2002 (to be used for all correspondence after initial filing)	Application Number	10/084,587	
	Filing Date	February 25, 2002	
	First Named Inventor	Gavin, Edward J.	
	Group Art Unit	Unassigned	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	8	Attorney Docket Number	016866-008200US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm and Individual name	Townsend and Townsend and Crew LLP Patrick R. Jewik	
Signature	Reg. No. 40,456	
Date	May 14, 2002	

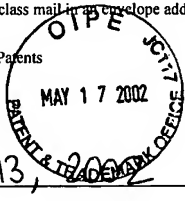
CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: <u>5/14/02</u>	
Typed or printed name	Landon Clark
Signature	<u>Landon Clark</u> Date <u>5/14/02</u>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1340165 v1

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

PATENT
Attorney Docket No.: 016866-008200US

Assistant Commissioner for Patents
Washington, D.C. 20231



#5105
D/AUG 7/02
7-30-02

On

May 13, 2002

TOWNSEND and TOWNSEND and CREW LLP

By:

London Clark

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Edward J. Gavin, et al.

Application No.: 10/084,587

Filed: February 25, 2002

For: METHOD FOR ANALYZING
MASS SPECTRA

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Assistant Commissioner for Patents
Washington, D.C. 20231

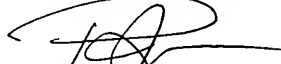
Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action and within three months of the filing date. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Patrick R. Jewik
Reg. No. 40,456

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
Tel: 415-576-0200
Fax: 415-576-0300
PRJ/lle



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of

Complete if Known

Application Number	10/084,587
Filing Date	February 25, 2002
First Named Inventor	Gavin, Edward J.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	016866-008200US

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	AA	US-5,687,716		11-18-1997	Kaufmann et al.	
	AB	US-5,697,369		12-16-1997	Long, Jr. et al.	
	AC	US-5,790,761		08-04-1998	Heseltine et al.	
	AD	US-5,839,438		11-24-1998	Graettinger et al.	
	AE	US-5,946,640		08-31-1999	Goodacre et al.	
	AF	US-6,025,128		02-15-2000	Veltri et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	AG	WIPO	01/99043	A1	12-27-2001	Correlogic Systems, Inc.		
	AH	WIPO	02/06829	A2	01-24-2002	Correlogic Systems, Inc.		

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

SF 1340088 v1



PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitution form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **2**

of

Complete if Known

Application Number	10/084,587
Filing Date	February 25, 2002
First Named Inventor	Gavin, Edward J.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	016866-008200US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AI	NIKULIN, ALEXANDER E., et al., "Near-optimal region selection for feature space reduction: novel preprocessing methods for classifying MR spectra", NMR IN BIOMEDICINE, (1998), 209-216, Vol. 11	
	AJ	GUSTAV SCHROLL, et al., "Applications of Artificial Intelligence for Chemical Inference. III. Aliphatic Ethers Diagnosed by Their Low-Resolution Mass Spectra and Nuclear Magnetic Resonance Data", Journal of the American Chemical Society, December 17, 1969, pp. 7440-7445, Vol. 91, No. 28	
	AK	L. R. CRAWFORD, et al., "Computer Methods in Analytical Mass Spectrometry. Empirical Identification of Molecular Class", Analytical Chemistry, August, 1968, pp. 1469-1474, Vol. 40, No. 10	
	AL	P. C. JURIS, et al., "Computerized Learning Machines Applied to Chemical Problems. Molecular Formula Determination from Low Resolution Mass Spectrometry", Analytical Chemistry, January 1969, pp. 21-27, Vol. 41, No. 1	
	AM	H. L. C. MEUZELAAR, et al., "A Technique for Fast and Reproducible Fingerprinting of Bacteria by Pyrolysis Mass Spectrometry", Analytical Chemistry, March 1973, pp. 587-590, Vol. 45, No. 3	
	AN	N. A. B. GRAY, "Constraints on 'Learning Machine' Classification Methods", Analytical Chemistry, December 1976, pp. 2265-2268, Vol. 48, No. 14	
	AO	S. R. LOWRY, et al., "Comparison of Various K-Nearest Neighbor Voting Schemes with the Self-Training Interpretive and Retrieval System for Identifying Molecular Substructures from Mass Spectral Data", Analytical Chemistry, October 1977, pp. 1720-1722, Vol. 49, No. 12	
	AP	HALLIDAY J. H. MACFIE, et al., "Use of Canonical Variates Analysis in Differentiation of Bacteria by Pyrolysis Gas-Liquid Chromatography", Journal of General Microbiology, 1978, pp. 67-74, Vol. 104	
	AQ	E. NEELY ATKINSON, PH.D., et al., "Statistical Techniques for Diagnosing CIN Using Fluorescence Spectroscopy: SVD and CART", Journal of Cellular Biochemistry, Supplement, 1995, pp. 125-130, Vol. 23	
	AR	S. DZEROSKI, et al., "Diterpene Structure Elucidation From 13C NMR-Spectra With Machine Learning", Chapter 12 in Intelligent Data Analysis in Medicine and Pharmacology, N. Lavrac, et al. ed., Kluwer Academic Publishers (Boston), 1997, pp. 207-225	
	AS	K. VOORHEES, et al., "Approaches to Pyrolysis/Mass Spectrometry Data Analysis of Biological Materials", Chapter 11 in Computer-Enhanced Analytical Spectroscopy, H.L.C. Meuzelaar ed., Plenum Press (New York), 1990, pp. 259-275, Vol. 2	
	AT	G. REIBNEGGER, et al., "Neural networks as a tool for utilizing laboratory information: Comparison with linear discriminant analysis and with classification and regression trees", Proc. Natl. Acad. Sci. USA, December 1991, pp. 11426-11430, Vol. 88	
	AU	E. JELLUM, et al., "Mass Spectrometry in Diagnosis of Metabolic Disorders", Biomedical and Environmental Mass Spectrometry, 1988, pp. 57-62, Vol. 16	
	AV	B. J. WYTHOFF, et al., "Spectral Peak Verification and Recognition Using a Multilayered Neural Network", Anal. Chem., 1990, pp. 2702-2709, Vol. 62	
	AW	B. MEYER, et al., "Identification of the 1H-NMR Spectra of Complex Oligosaccharides with Artificial Neural Networks", Science, February 1991, pp. 542-544, Vol. 251	

Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
 SF 1340088 v1

MAY 17 2002

PTO/SB/08B (10-01)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for Form 1449B/PTO TRADEMARK

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3

of

Complete if Known

Application Number	10/084,587
Filing Date	February 25, 2002
First Named Inventor	Gavin, Edward J.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	016866-008200US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AX	J. W. FURLONG, et al., "Neural Network Analysis of Serial Cardiac Enzyme Data, A Clinical Application of Artificial Machine Intelligence", Am J Clin Pathol, 1991, pp. 134-141, Vol. 96	
	AY	D. V. CICCETTI, "Neural Networks and Diagnosis in the Clinical Laboratory: State of the Art", Clin. Chem., 1992, pp. 9-10, Vol. 38, No. 1	
	AZ	R. ASHFAQ, et al., "Evaluation of PAPNET™ System for Rescreening of Negative Cervical Smears", Diagnostic Cytopathology, 1995, pp. 31-36, Vol. 13, No. 1	
	BA	D. C. MALINS, et al., "Models of DNA structure achieve almost perfect discrimination between normal prostate, benign prostatic hyperplasia (BPH), and adenocarcinoma and have a high potential for predicting BPH and prostate cancer", Proc. Natl. Acad. Sci. USA, January 1997, pp. 259-264, Vol. 94	
	BB	I. W. RICKETTS, et al., "Towards the Automated Prescreening of Cervical Smears", IEE Colloquium on Applications of Image Processing in Mass Health Screening, Digest No. 056, March 11, 1992, pp. 7/1-7/4	
	BC	H. KOHNO, et al., "Quantitative Analysis of Scintiscan Matrices by Computer", Japanese Journal of Medical Electronics and Biological Engineering, August 1974, pp. 218-225, Vol. 12, No. 4	
	BD	Salford Systems White Paper Series, http://www.salford-systems.com/whitepaper.html , printed October 17, 2000	
	BE	V. BERIKOV, et al., "Regression trees for analysis of mutational spectra in nucleotide sequences", Bioinformatics, 1999, pp. 553-562, Vol. 15, Nos. 7/8	
	BF	L. BREIMAN, et al., Chapters 6-8 in Classification and Regression Trees, CRC Press (Boca Raton), 1998, pp. 174-265	
	BG	J. M. HALKET, et al., "Deconvolution Gas Chromatography/Mass Spectrometry of Urinary Organic Acids - Potential for Pattern Recognition and Automated Identification of Metabolic Disorders", Rapid Commun. Mass Spectrom, 1999, pp. 279-284, Vol. 13	
	BH	A. EGHBALDAR, et al., "Identification of Structural Features from Mass Spectrometry Using a Neural Network Approach: Application of Trimethylsilyl Derivatives Used for Medical Diagnosis", J. Chem. Inf. Comput. Sci., 1998, pp. 637-643, Vol. 36	
	BI	R. J. BABAIAN, et al., "Performance of a Neural Network in Detecting Prostate Cancer in the Prostate-Specific Antigen Reflex Range of 2.5 to 4.0 ng/mL", Urology, 2000, pp. 1000-1008, Vol. 56, No. 6	
	BJ	C. S. TONG, et al., "Mass Spectral Search method using the Neural Network approach", Proceedings, International Joint Conference on Neural Networks, Washington, DC, July 1999, pp. 3962-3967, Vol. 6	
	BK	C. S. TONG, et al., "Mass spectral search method using the neural network approach", Chemometrics and Intelligent Laboratory Systems, 1999, pp. 135-150, Vol. 49	
	BL	R. R. HASHEMI, et al., "Identifying and Testing of Signatures for Non-Volatile Biomolecules Using Tandem Mass Spectra", Sigbio newsletter, ACM Press, December 1995, pp. 11-19, Vol. 15, No. 3	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1340088 v1



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **4**

of

Complete if Known

Application Number	10/084,587
Filing Date	February 25, 2002
First Named Inventor	Gavin, Edward J.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	016866-008200US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	BM	I. BELIĆ, et al., "Neural network methodologies for mass spectra recognition", Vacuum, 1997, pp. 633-637, Vol. 48, Nos. 7-9	
	BN	W. WERTHER, et al., "Classification of mass spectra. A comparison of yes/no classification methods for the recognition of simple structural properties", Chemometrics and Intelligent Laboratory Systems, 1994, pp. 63-76, Vol. 22	
	BO	A. Y. CAIRNS, et al., "Towards the Automated Prescreening of Breast X-Rays", Digest of the IEEE Colloquium, Applications of Image Processing in Mass Health Screening, University of Dundee, pp. 1/1-1/5	
	BP	M. ASTION, et al., "The Application of Backpropagation Neural Networks to Problems in Pathology and Laboratory Medicine, Arch Pathol Lab Med, October 1992, pp. 995-1001, Vol. 116	
	BQ	R. GOODACRE, "Rapid identification of urinary tract infection bacteria using hyperspectral whole-organism fingerprinting and artificial neural networks", Microbiology, 1998, pp. 1157-1170, Vol. 144	
	BR	J. TAYLOR, "The deconvolution of pyrolysis mass spectra using genetic programming: application to the identification of some Eubacterium species", FEMS Microbiology Letters, 1998, pp. 237-246, Vol. 160	
	BS	R. GOODACRE, et al., "Discrimination between methicillin-resistant and methicillin-susceptible Staphylococcus aureus using pyrolysis mass spectrometry and artificial neural networks, Journal of Antimicrobial Chemotherapy, 1998, pp. 27-34, Vol. 41	
	BT	J. CHUN, et al., "Long-term Identification of Streptomyces Using Pyrolysis Mass Spectrometry and Artificial Neural Networks", Zbl. Bakt., 1997, pp. 258-266, Vol. 285	
	BU	R. G. W. KENYON, et al., "Application of Neural Networks to the Analysis of Pyrolysis Mass Spectra", Zbl. Bakt., 1997, pp. 267-277, Vol. 285	
	BV	T. NILSSON, et al., "Classification of Species in the Genus Penicillium by Curie Point Pyrolysis/Mass Spectrometry Followed by Multivariate Analysis and Artificial Neural Networks", Journal of Mass Spectrometry, 1996, pp. 1422-1428, Vol. 31	
	BW	R. GOODACRE, et al., "Sub-species Discrimination, Using Pyrolysis Mass Spectrometry and Self-organising Neural Networks, of Propionibacterium acnes Isolated from Normal Human Skin", Zbl. Bakt., 1996, pp. 501-515, Vol. 284	
	BX	R. GOODACRE, et al., "Quantitative Analysis of Multivariate Data Using Artificial Neural Networks: A Tutorial Review and Applications to the Deconvolution of Pyrolysis Mass Spectra", Zbl. Bakt., 1996, pp. 516-539, Vol. 284	
	BY	R. GOODACRE, et al., "Identification and Discrimination of Oral Asaccharolytic Eubacterium spp. by Pyrolysis Mass Spectrometry and Artificial Neural Networks", Current Microbiology, 1996, pp. 77-84, Vol. 32	
	BZ	R. GOODACRE, et al., "Correction of Mass Spectral Drift Using Artificial Neural Networks", Anal. Chem., 1996, pp. 271-280, Vol. 68	
	CA	R. FREEMAN, et al., "Resolution of batch variations in pyrolysis mass spectrometry of bacteria by the use of artificial neural network analysis", Antonie van Leeuwenhoek, 1995, pp. 253-260, Vol. 68	

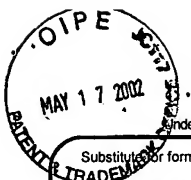
Examiner
Signature

Date
Considered

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1340088 v1



Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet **5**

of

Complete if Known

Application Number	10/084,587
Filing Date	February 25, 2002
First Named Inventor	Gavin, Edward J.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	016866-008200US

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	CB	D. H. Chace, et al., "Laboratory integration and utilization of tandem mass spectrometry in neonatal screening: a model for clinical mass spectrometry in the next millennium", Acta Paediatr Supp 432, 1999, pp. 45-47, Vol. 88	
	CC	B. CURRY, et al., "MSnet: A Neural Network That Classifies Mass Spectra", Stanford Science Center, Stanford University, Stanford, California, October 1990, pp. 1-31	
	CD	R. A. SHAW, et al., "Infrared Spectroscopy of Exfoliated Cervical Cell Specimens", Analytical and Quantitative Cytology and Histology, August 1999, pp. 292-302, Vol. 21, No. 4	
	CE	I. BELIĆ, "Neural Networks Methodologies for Mass Spectra Recognition", 4 pgs.	
	CF	C. PRIOR, et al., "Potential of Urinary Neopterin Excretion in Differentiating Chronic Non-A, Non-B Hepatitis From Fatty Liver", The Lancet, November 1987, pp. 1235-1237	
	CG	JOHN R. YATES, III, et. al., "Mass Spectrometry and the Age of the Proteome", Journal of Mass Spectrometry, 1998, pp. 1-19, Vol. 33	
	CH	ARNO HAUSEN, et al., "Determination of Neopterin in Human Urine by Reversed-Phase High-Performance Liquid Chromatography", Journal of Chromatography, 1982, pp. 61-70, Vol. 227	
	CI	ANDREJ SHEVCHENKO, et al., "MALDI Quadrupole Time-of-Flight Mass Spectrometry: A Powerful Tool for Proteomic Research", Anal. Chem., 2000, pp. 2132-2141, Vol. 72, No. 9	
	CJ	CLOUD P. PAWELETZ, et al., "Rapid Protein Display Profiling of Cancer Progression Directly From Human tissue Using a Protein Biochip", Drug Development Research, 2000, pp. 34-42, Vol. 49	
	CK	ANIL K. JAIN, et al., "Statistical Pattern Recognition: A Review", IEEE Transactions on Pattern Analysis and Machine Intelligence, January 2000, pp. 4-37, Vol. 22, No. 1	
	CL	SANDRINE DUDOIT, et al., "Comparison of Discrimination Methods for the Classification of Tumors Using Gene Expression Data", Technical report #576, June 2000, pp. 1-43	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

² Applicant's unique citation designation number (optional). ³ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.
SF 1340088 v1